

## ABSTRACT

In order to make it possible to reproduce information recorded on an optical recording medium without causing deterioration in the information, a semiconductor laser driving device (101) of the present invention includes: a semiconductor laser (1); a photodetecting element (2) for receiving a part of light emitted from the semiconductor laser and converting the part of light into an electric signal ( $V_{opt}$ ) corresponding to a light amount; a laser driving circuit (4) for inputting a driving signal ( $I_d$ ) into the semiconductor laser (1) in such a manner that an average value ( $V_m$ ) of the electric signal coincides with a given target value; and a high-frequency superimposing control section (5) for controlling an amplitude ( $\phi$ ) of the high-frequency signal ( $U_f$ ). The high-frequency superimposing control section (5) controls the amplitude ( $\phi$ ) in such a manner that a peak-to-average ratio ( $R$ ) that is a ratio of a peak value ( $V_p$ ) of the electric signal ( $V_{opt}$ ) with respect to the average value ( $V_m$ ) of the electric signal ( $V_{opt}$ ) does not increase above a given reference value ( $R_s$ ).